

I. AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph starting on page 8, line 14 and beginning with “By way of example, the routing protocol” with the following amended paragraph:

By way of example, the routing protocol may be BGP4 (Border ~~Gateway~~ Gateway Protocol, version 4), OSPF (Open Shortest Path First) or IS-IS (Intermediate System to Intermediate System). An example of a time-critical message is an OSPF “Hello” packet. An example of a non-time-critical message is an OSPF Link State Advertisement (LSA) update. An example of a task associated with a time-critical message includes a response to an OSPF ~~[[hello]]~~ hello message. An example of a task associated with a non-time-critical message includes an OSPF LSA linked list update. An example of a task not associated with a given received message includes the OSPF algorithm itself.